1/22 FIG 1

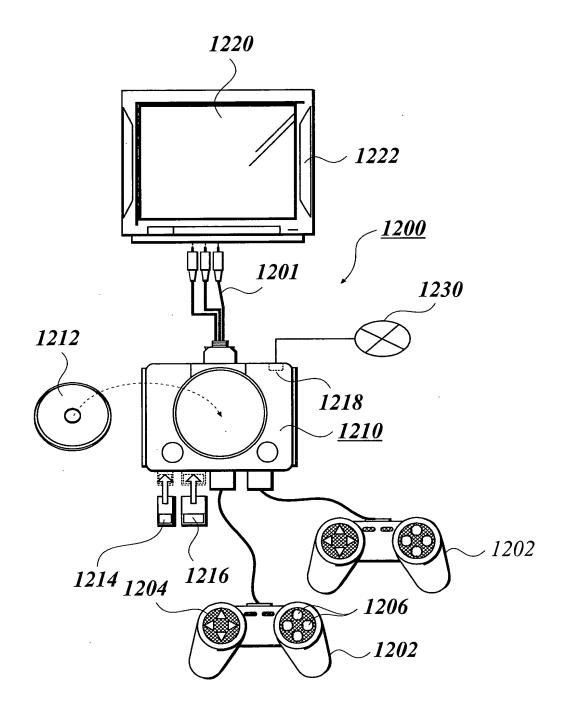


FIG.2

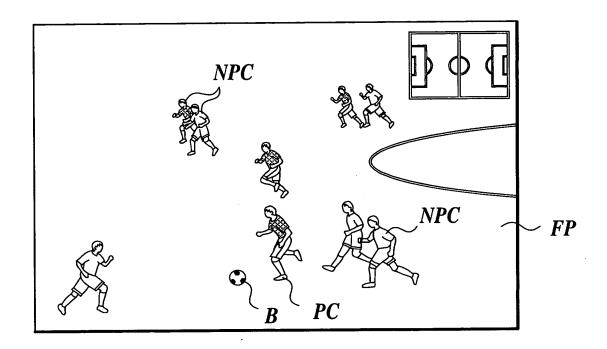
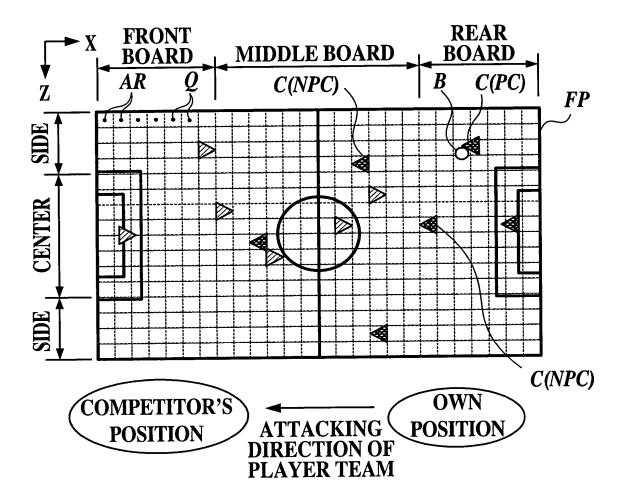
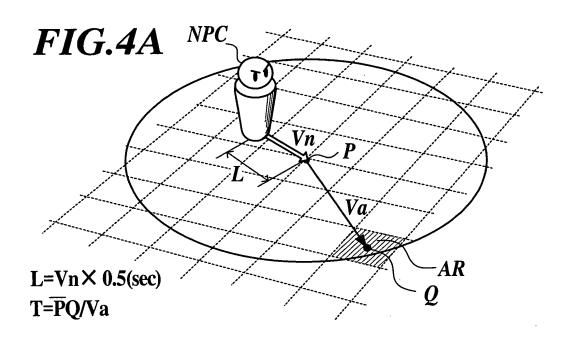
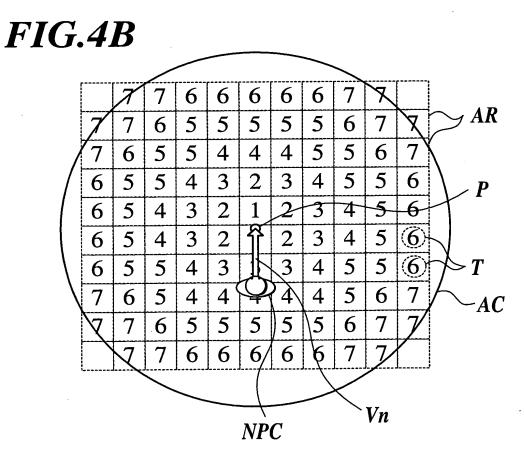


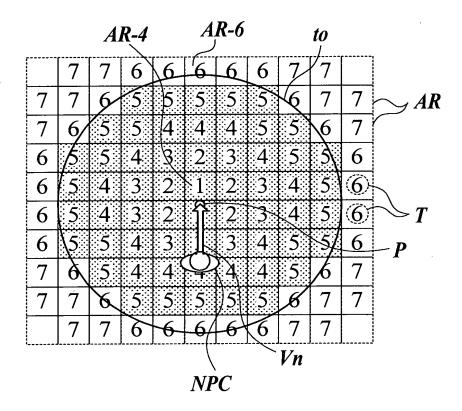
FIG.3





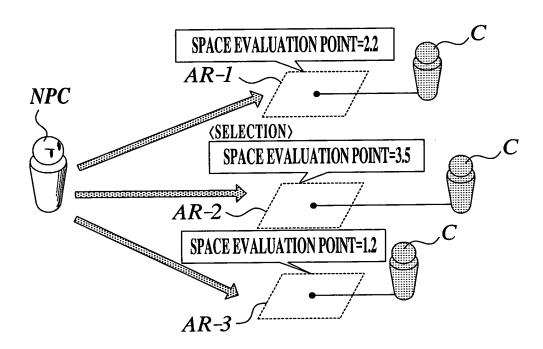


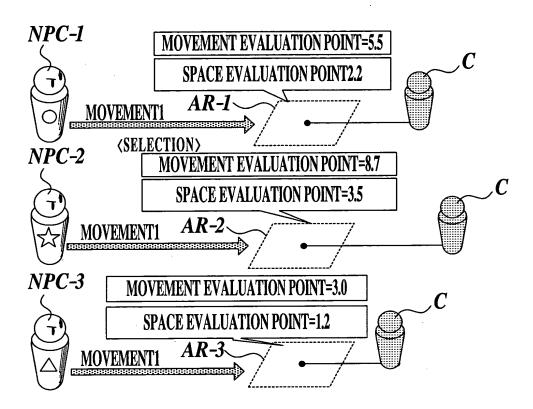
5/22 FIG.5



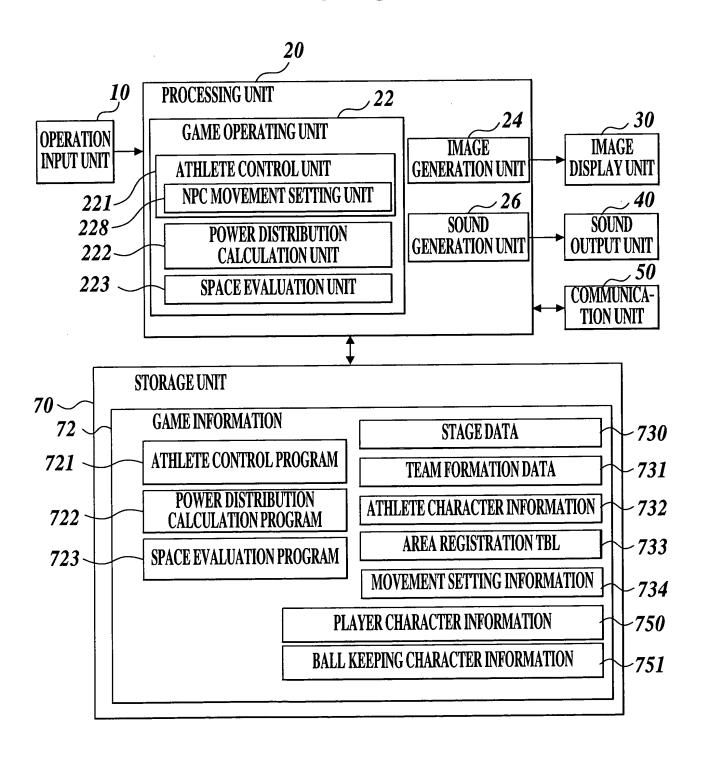
SPACE EVALUATION POINT= T-to

6/22 FIG.6





8/22 FIG.8



9/22 FIG.9

		732
ATHLETE CHARACTER INFORMATION		744
ATHLETE IDENTIFICATION INFORMATION	YOUNG PIG MAN	•••
BELONGING TEAM IDENTIFICATION INFORMATION	PLAYER	
KIND OF MOVEMENT	FRUNNING INTO FORWARD SPACEJ	
MOVEMENT TARGET POINT COORDINATES	(xe11,ze11)	
POSITION COORDINATES	(xn1,zn11)	
VELOCITY	Vn(Vx11,Vz11)	
ABILITY SPEED	4.0 (m/sec)	
OBJECT DATA		
	ATHLETE IDENTIFICATION INFORMATION BELONGING TEAM IDENTIFICATION INFORMATION KIND OF MOVEMENT MOVEMENT TARGET POINT COORDINATES POSITION COORDINATES VELOCITY ABILITY SPEED	ATHLETE IDENTIFICATION INFORMATION BELONGING TEAM IDENTIFICATION INFORMATION KIND OF MOVEMENT RUNNING INTO FORWARD SPACE MOVEMENT TARGET POINT (xe11,ze11) POSITION COORDINATES (xn1,zn11) VELOCITY Vn(Vx11,Vz11) ABILITY SPEED 4.0 (m/sec)

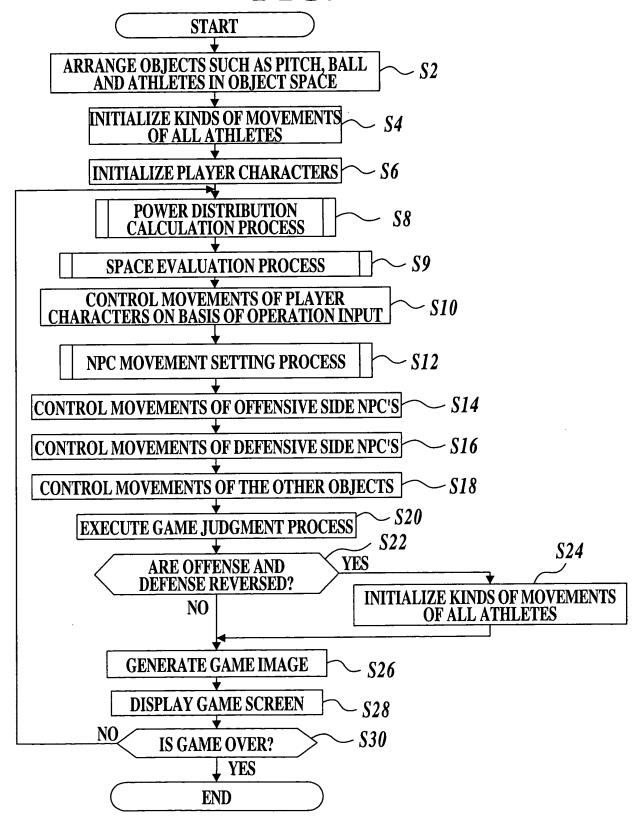
FIG.10A

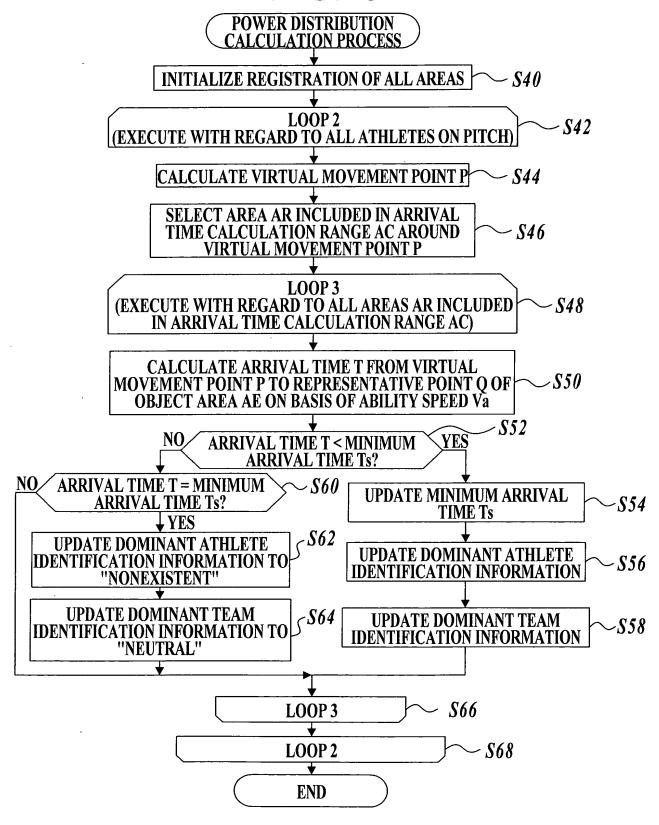
		<u>733</u>			
	AREA REGISTRATION TBL	1			
733a 🛶	AREA IDENTIFICATION INFORMATION	AR11	AR1,Q	AR1,R	
733b	REPRESENTATIVE POINT COORDINATES	(X11,Z11)	(X12,Z12)	(X13,Z13)	
733c	MINIMUM ARRIVAL TIME	3.2sec	5.2sec	2.2sec	
733d√	DOMINANT ATHLETE IDENTIFICATION INFORMATION	YOUNG PIG MAN	COMPETITOR 1	COMPETITOR 2	
733e ~	DOMINANT TEAM IDENTIFICATION INFORMATION	PLAYER	СОМ	СОМ	
733f~	SPACE EVALUATION POINT	1.8	-0.2	2.8	

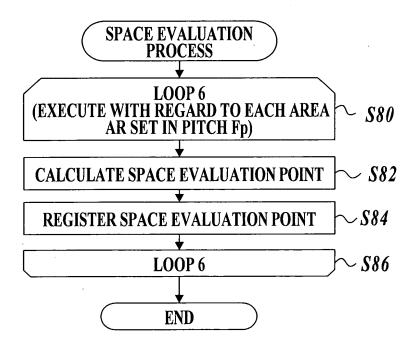
FIG.10B

SPACE EVALUATION POINT=POWER SPHERE JUDGING TIME (5sec) - MINIMUM ARRIVAL TIME Ts(sec)

4	MOVEMENT SETTING INFORMATION				
734	KIND OF MOVEMENT	"RUNNING UP ONTO BALL SIDE"			
734a	CIRCUMSTANTIAL CONDITION	NO PASSES TO BLIND SIDE ARE SENT			
734b		POSITION COORDINATES OF ATHLETE ARE BEHIND BALL			
7540	ATHLETE SELECTION	POSITION COORDINATES OF ATHLETE ARE AT SIDE POSITION COORDINATES OF ATHLETE ARE WITHIN PRESCRIBED DISTANCE FROM BALL (RELATIVELY NEAR)			
734c	CONDITIONS	POSITION COORDINATES OF ATHLETE ARE LARGER THAN THOSE OF BALL TO INDICATE NONEXISTENCE IN INSIDE			
		SPACE LIES IN ATTACKING DIRECTION OF ATHLETE			
را	MOVEMENT TARGET	REPRESENTATIVE POINT O OF AREA AR AT ALMOST CENTER OF CRAVITY OF GROUP OF AREAS WHICH LIE TOWARD ATTACKING			
734d	POINT SELECTION	GRAVITY OF GROUP OF AREAS WHICH LIE TOWARD ATTACKING DIRECTION FROM ATHLETE, AND IN WHICH PRESCRIBED NUMBER OF SPACES OR MORE ARE CONNECTED WITH ONE ANOTHER			
7344	CONDITION	OF SPACES OR MORE ARE CONNECTED WITH ONE ANOTHER			
	MOVEMENT EVALUATION POINT	SPACE EVALUATION POINT/2 × WEIGHTING FACTOR			
734e	KIND OF MOVEMENT	"RUNNING INTO FRONT SPACE"			
	CIRCUMSTANTIAL CONDITION	BALL LIES IN MIDDLE BOARD			
	ATHLETE SELECTION	BALL LIES IN CENTER, AND ATHLETE LIES IN SIDE			
	CONDITIONS	BALL LIES IN SIDE, AND ATHLETE LIES IN CENTER			
	MANDARAM TADART	SPACE LIES IN ATTACKING DIRECTION OF ATHLETE			
	MOVEMENT TARGET POINT SELECTION CONDITION	REPRESENTATIVE POINT Q OF AREA AR WHICH LIES TOWARD ATTACKING DIRECTION FROM ATHLETE, AND IN WHICH SPACE EVALUATION POINT IS MAXIMUM			
	MOVEMENT EVALUATION POINT	SPACE EVALUATION POINT/2 × WEIGHTING FACTOR			
	KIND OF MOVEMENT	"RETURN TO FORMATION POSITION"			
	CIRCUMSTANTIAL CONDITION	ALWAYS			
	ATHLETE SELECTION CONDITIONS	ALL ATHLETES			
	MOVEMENT TARGET POINT SELECTION CONDITION	PRESCRIBED FORMATION POSITION			
	MOVEMENT EVALUATION POINT	1 (FIXED VALUE)			



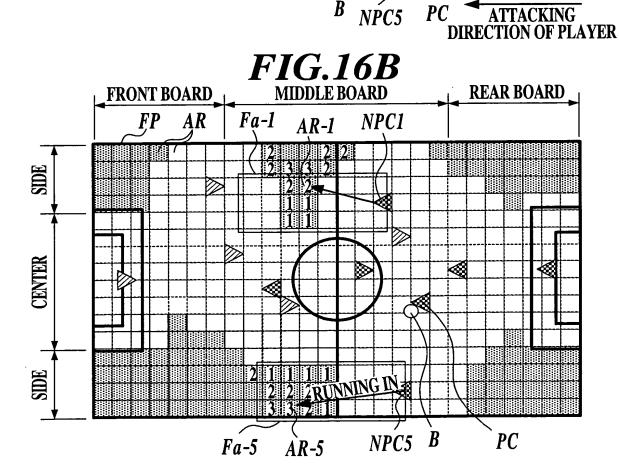




15/22 *FIG.15* NPC MOVEMENT SETTING **PROCESS** SELECT NPC'S WHICH ARE ON OFFENSIVE SIDE AND ARE - S102 NOT MOVING AND FURTHER DO NOT KEEP BALL SELECT KINDS OF MOVEMENTS SATISFYING - S104 **CIRCUMSTANTIAL CONDITION** LOOP 4 (EXECUTE WITH REGARD TO ALL -S106 SELECTED KINDS OF MOVEMENTS) FURTHER SELECT NPC'S SATISFYING ATHLETE S108 SELECTION CONDITIONS AMONG NPC'S WHICH ARE ON OFFENSIVE SIDE AND DO NOT KEEP BALL LOOP 5 -S110 (EXECUTE WITH REGARD TO ALL SELECTED NPC'S) **DETERMINE AREA AR TO BE** -S112 **MOVEMENT TARGET POINT** REFER TO SPACE EVALUATION POINT OF -S114 AREA AR OF MOVEMENT TARGET POINT CALCULATE MOVEMENT - S116 **EVALUATION POINT** - S118 **LOOP 5** SET KIND OF MOVEMENT OF NPC HAVING HIGHEST -S120 MOVEMENT EVALUATION POINT AS KIND OF MOVEMENT -S122 **LOOP 4 END**

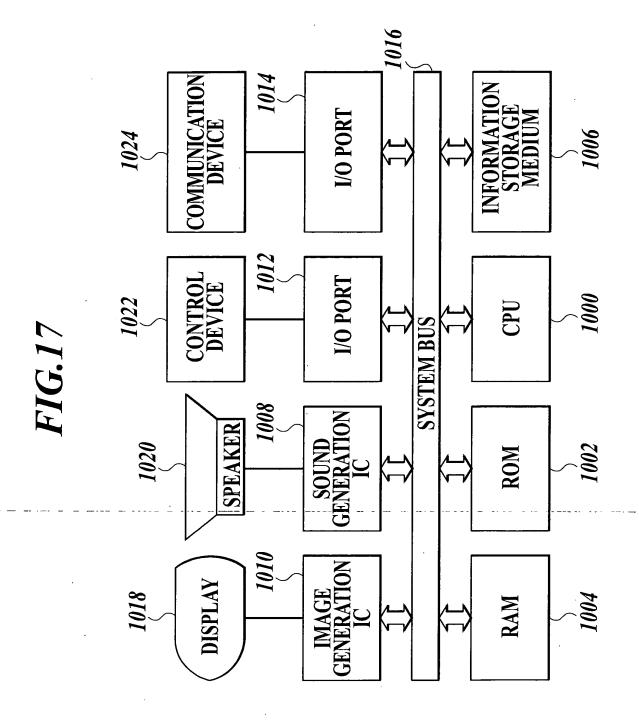
16/22 FIG.16A MIDDLE BOARD REAR BOARD FRONT BOARD AR F_P NPC3 NPC2 NP_C1 SIDE CENTER

NPC4

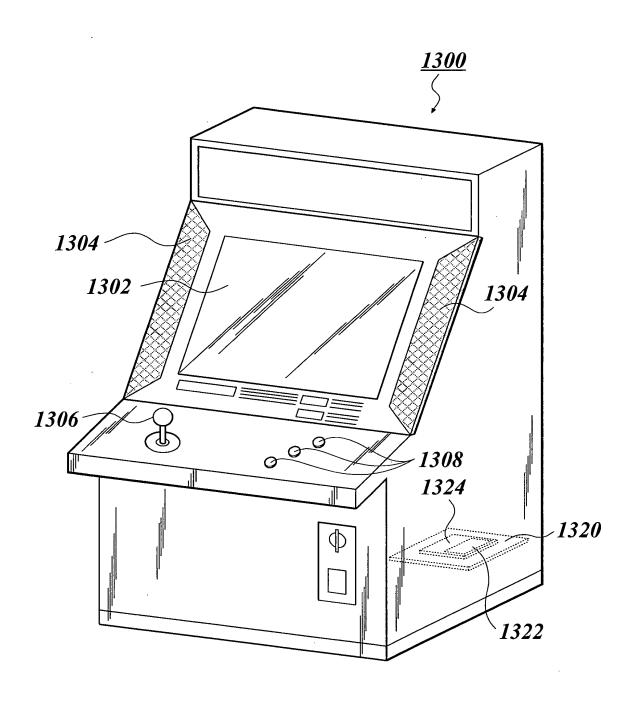


NPC5

PC



18/22 FIG 18



19/22 FIG.19A

735-1

AREA]	REGISTRATION TBL	ı		
APF	PLICATION TEAM	PLAYEI	₹	
	A IDENTIFICATION NFORMATION	AR11	AR1,Q	AR1,R
	PRESENTATIVE NT COORDINATES	(X11,Z11)	(X12,Z12)	(X13,Z13)
c MI	NIMUM ARRIVAL TIME	3.2sec	5.2sec	2.2sec
5f SPA	CE EVALUATION POINT	-1.8	-0.2	-2.8

FIG.19B

735-2

AREA REGISTRATION TBI	ı		
APPLICATION TEAM	COM		
AREA IDENTIFICATION INFORMATION	AR11	AR1,Q	AR1,R
REPRESENTATIVE POINT COORDINATES	(X11,Z11)	(X12,Z12)	(X13,Z13)
MINIMUM ARRIVAL TIME	10sec	7.5sec	2.2sec
SPACE EVALUATION POINT	10	2.5	-2.8

736	MOVEMENT SETTING INFORMATION			
736a	KIND OF MOVEMENT	"SUPPORTING BEHIND BALL"		
736b	CIRCUMSTANTIAL CONDITION	BALL LIES IN MIDDLE BOARD		
		BEING WITHIN PRESCRIBED SHORT PASS RANGE FROM BALL		
736c	ATHLETE SELECTION CONDITIONS	BEING BEHIND BALL		
75,00		MID FIELDER OR BACKFIELD		
		=		
736g	REFERENCE TBL	AREA SETTING TBL OF TEAM ON OWN SIDE		
736d	MOVEMENT TARGET POINT SELECTION CONDITION	REPRESENTATIVE POINT Q OF AREA AR WHICH LIES BEHIND BALL AND HAS PREDETERMINED NUMBER OF SPACES OR MORE		
736e	MOVEMENT EVALUATION POINT	SPACE EVALUATION POINT/2 × L WEIGHTING FACTOR		
	KIND OF MOVEMENT	"RUNNING INTO FRONT SPACE"		
	CIRCUMSTANTIAL CONDITION	BALL LIES IN MIDDLE BOARD		
		ATHLETE CAPABLE OF RECEIVING PASS		
	ATHLETE SELECTION CONDITIONS	BALL LIES IN CENTER, AND ATHLETE LIES IN SIDE		
		BALL LIES IN SIDE, AND ATHLETE LIES IN CENTER		
		SPACE LIES IN ATTACKING DIRECTION OF ATHLETE		
	REFERENCE TBL	AREA SETTING TBL OF TEAM ON COMPETITOR SIDE		
	MOVEMENT TARGET POINT SELECTION CONDITION	REPRESENTATIVE POINT Q OF AREA AR WHICH LIES TOWARD ATTACKING DIRECTION FROM ATHLETE, AND IN WHICH SPACE EVALUATION POINT IS MAXIMUM		
	MOVEMENT EVALUATION POINT	SPACE EVALUATION POINT/2 × L WEIGHTING FACTOR		
		<u>:</u>		

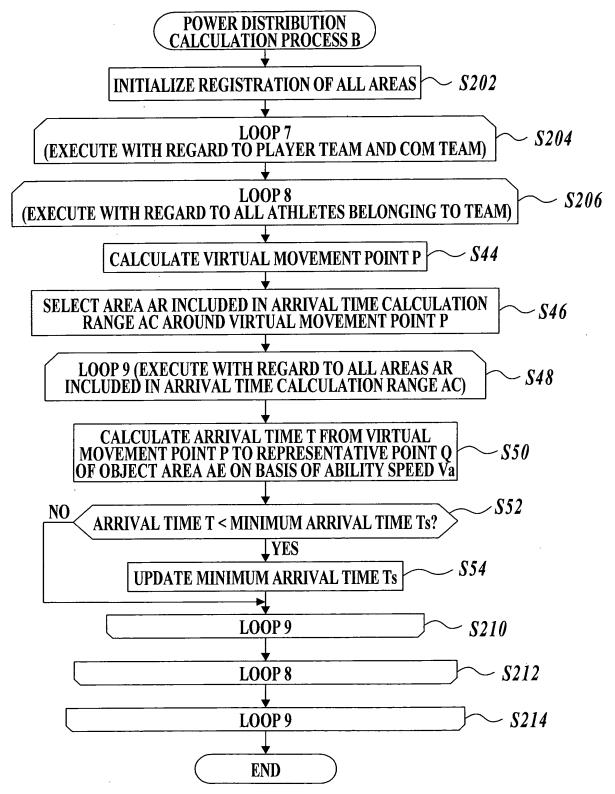


FIG. 22

